

**UNIFORM STANDARD DRAWINGS
CLARK COUNTY AREA
VOLUME II - YEAR 2011 REVISIONS**

DRAWING NUMBER	TITLE AND REVISION SUMMARY	EFFECTIVE DATE
ALL	General re-formatting revisions to the Uniform Standard Drawings, Volume I and Volume II, to accommodate supplemental drawings and <i>consolidate the drawings into one document.</i>	07/01/11

Format for Supplemental Drawings

Where a USD applies to all entities (ALL USD's)

Add new Agency Approved box attached to the title box

AGENCY APPROVED	B	C	H	L	M	N
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Where a USD applies to Only ONE OR MORE (BUT NOT ALL) entities

Add new block in Title Block with "SUPPLEMENTAL DRAWING"

AND

Incorporate New drawing numbering system:

301.S1 For the first Supplemental Drawing created

301.S2 For the second Supplemental Drawing created

AND

Add new Agency Approved box attached to the title box showing which entities the drawing applies to.

AGENCY APPROVED		C			M	N
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Where a USD contains special notes applicable to one or more entities (but not all)

Add a pentagon symbol "⬠" in the Agency Approved box attached to the title box for entities that have a special note or exception in the drawing

AGENCY APPROVED	⬠	C	⬠	L	M	N
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VOLUME 2 MODIFICATIONS

All of the above PLUS

RE-NUMBER Volume 2 Drawings:

700 through 739 – GENERAL (Currently has 28)

740 through 759 – SCHOOL (Currently has 7)

760 through 799 – FAST-ITS (Currently has 7)

800 through 899 – TRAFFIC SIGNAL (Currently has 85)


AND

DELETE VOLUME 2 AS A SEPARATE VOLUME

Incorporate all Standard Drawings as One Set (USD)

PENTAGON SYMBOL USED TO INDICATE THAT THE NOTED AGENCY HAS A SPECIAL NOTE IN THE DRAWING

NO AGENCY LISTED IF THE DRAWING IS NOT APPROVED FOR THAT AGENCY

AGENCY APPROVED		C		L		
UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA						
SUPPLEMENTAL DRAWING						
LOCAL RESIDENTIAL URBAN AREA STREET SECTIONS						
DATE	DWG. NO.	206.S1				

NEW SHEET NUMBER FOR SUPPLEMENTAL DRAWINGS

NEW SUPPLEMENTAL BLOCK USED WHEN DRAWING IS NOT APPROVED BY ALL AGENCIES

NEW ABBREVIATIONS

CITY OF NORTH LAS VEGAS

CITY OF MESQUITE

CITY OF LAS VEGAS

CITY OF HENDERSON

CLARK COUNTY

BOULDER CITY

NEW APPROVAL BLOCK
ADDED TO ALL DRAWINGS

		AGENCY APPROVED	B	C	H	L	M	N
SPECIFICATION REFERENCE		UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA						
		SYMBOLS						
		DATE	DWG. NO.	101				

UNIFORM STANDARD DRAWINGS VOL II

(Summary of Revisions)

Effective 7/1/11

Drawing Number(s) (PDF)		DESCRIPTION	AGENCY APPROVAL BOX
404.001	701	Standard Symbols for Traffic Signal Drawings	B / C / H / L / M / N / B / C / H / L / M / N /
404.002	702	Quadrant Detail	B / C / H / L / M / N /

PULL BOXES

404.110	705	No. 3-1/2 Pull Box	B / C / H / L / M / N /
404.120	706	No. 5 Pull Box	B / C / H / L / M / N /
404.121	706.1	Reinforced Plastic Mortar Service Box Assembly #5	B / C / H / L / M / N /
404.130	707	No. 7 Pull Box	B / C / H / L / M / N /
404.131	707.1	Reinforced Plastic Mortar Service Box Assembly #7	B / C / H / L / M / N /
404.132	761	"P30" Pullbox (For Use in Interconnect and Communications Installations)	B / C / H / L / M / N /
404.133	762	Type 200 Vault (For Use at Fiber Optic Splice Points)	B / C / H / L / M / N /
404.139	708	Steel Pull Boxes	B / C / H / L / M / N /
404.140	709	Pull Box Street Cover	B / C / H / L / M / N /
		Pull Box Cover Bonding Detail	B / C* / H / L / M / N /
404.141	710	Pull Box Foundation	B / C / H / L / M / N /
404.142	763	ITS Communication Conduit and Pull Box Detail (For Existing Curb & Gutter)	B / C / H / L / M / N /
404.143	711	Pull Box Concrete Collar in Undeveloped Areas	B / C / H / L / M / N /
404.144	764	ITS Communication Conduit and Pull Box Detail Installed Under New Sidewalk	B / C / H / L / M / N /

FOUNDATIONS

404.201	715	Type "A" Foundation	B / C / H / L / M / N /
404.202	716	Type "B" Foundation	B / C / H / L / M / N /
404.203	717	Type "C" Foundation	B / C / H / L / M / N /
404.205	718	Type "E" Foundation	B / C / H / L / M / N /
404.206	719	Type "F" Foundation	B / C / H / L / M / N /
404.207	720	Type "G" Foundation	B / C / H / L / M / N /
404.208	721	Type "H" Foundation	B / C / H / L / M / N /
404.209	722	Type "L" Foundation	B / C / H / L / M / N /
404.210	723	Type "M" Foundation	B / C / H / L / M / N /
404.211	724	Type "I" Foundation	B / C / H / L / M / N /
404.213	725	Type "J" & "K" Foundations	B / C / H / L / M / N /
404.213A	725.1	Cabinet Conduit Layout Type "J" and "K" Foundations	B / C / H / L / M / N /
404.214	726	Service Pedestal Foundation	B / C / H / L / M / N /

CABINET

404.304	801	Type V Cabinet	B / C / H / L / M / N /
404.305	802	Type VI Cabinet	B / C / H / L / M / N /

UNIFORM STANDARD DRAWINGS VOL II

(Summary of Revisions)

Effective 7/1/11

Drawing Number(s) (PDF)		DESCRIPTION	AGENCY APPROVAL BOX
404.307	803	Type VIII Cabinet	B / C / H / L / M / N /
404.308	804	Type IX Cabinet	B / C / H / L / M / N /
404.309	741	Flashing Beacon Controller Cabinet	B / C / H / L / M / N /
404.310	742	Wiring Diagram for Flashing Beacon Timer Controlled Operation	B / C / H / L / M / N /

PRIORITY VEHICLE PREEMPTION SYSTEM

None at this time

POLES AND POSTS

404.400	743	School Flashing Sign on Pole with Luminaire School Flashing Sign on Type-III Pole	B / C / H / L / M / N / B / C / H / L / M / N /
404.401	805	Pedestrian Push Button Post for Special Sign (8'-6" High) Pedestrian Push Button Post for 2 1/2 Posttop Mounting	B / C / H / L / M / N / B / C / H / L / M / N /
404.402	806	Signal Standard Type 1-A, 1-B	B / C / H / L / M / N /
404.403	744	Sign Post With School Sign Mounted Sign Post With School Sign Mounted Details	B / C / H / L / M / N / B / C / H / L / M / N /
404.405	807	Pedestal for Controller Cabinets	B / C / H / L / M / N /
404.406	808	Type XX-30'-0" Signal & Luminaire Pole (45' or Less Mast Arms) Type XX-30'-0" Signal & Luminaire Pole Details Type XX-A-30'-0" Signal & Luminaire Pole (50' Thru 60' Mast Arms) Type XX-A-30'-0" (50' Thru 60' Mast Arms) Signal & Luminaire Pole Details Loading Information Traffic Signal Pole Grounding	B / C / H / L / M / N / B / C / H / L / M / N / B / C / H / L / M / N / B / C / H / L / M / N / B / C / H / L / M / N / B / C / H / L / M / N /
404.406A	809	Removable Mast Arm End Cap Detail	B / C / H / L / M / N /
404.406B	810	Type XX-B-30'-0" Signal & Luminaire Pole (65' Thru 85' Mast Arms) Type XX-B-30'-0" (65' Thru 85' Mast Arms) Signal & Luminaire Pole Details Loading Information	B / C / H / L / M / N / B / C / H / L / M / N / B / C / H / L / M / N /
404.406C	811.S1	Red Light Running Indicator Installation Details (Clark County Only)	/ C / / / / /
404.407	812	Type XX 20'-0" Signal Pole (45' or Less Mast Arms) Type XX-A-20'-0" (50' thru 60' Mast Arms) Signal Pole	B / C / H / L / M / N / B / C / H / L / M / N /
404.409	813	Base Adaptor Plate for Type "H" Foundation Base Adaptor Plate for Type "L" Foundation	B / C / H / L / M / N / B / C / H / L / M / N /
404.410	745	30' Pole With School Flashing Sign	B / C / H / L / M / N /
404.412	746	School Sign Pole Type XX-A	B / C / H / L / M / N /

UNIFORM STANDARD DRAWINGS VOL II

(Summary of Revisions)

Effective 7/1/11

Drawing Number(s) (PDF)		DESCRIPTION	AGENCY APPROVAL BOX
404.414	814	Streetlighting Pole With Illuminated Street Name Sign	B / C / H / L / M / N /
404.415	815	Type III Pole With Illuminated Street Name Sign	B / C / H / L / M / N /
404.416	816	Type XX Pole With Illuminated Street Name Sign	B / C / H / L / M / N /
404.416A	817	Utility Cable Clearance Over Traffic Signals New Installation Only	B / C / H / L / M / N /
404.417	818	Street Name Sign Internally Illuminated	B / C / H / L / M / N /
404.417A	818.1	Alternative Pole Mounted Street Name Sign Internally Illuminated	B / C / H / L / M / N /
		Alternative Pole Mounted Street Name Sign Internally Illuminated Attachment Detail	B / C / H / L / M / N /
		Alternative Pole Mounted Street Name Sign Internally Illuminated Bracket Detail	B / C / H / L / M / N /
404.418	818.2	Sign Mounting Illustration	B / C / H / L / M / N /
404.420	819	Block Number Sign	B / C / H / L / M / N /
MAST ARMS AND ASSEMBLIES			
404.502	821	One Bolt Simplex Arm Attachment Clamp Assembly	B / C / H / L / M / N /
404.503		Retrofit Streetlight Mast Arm	B / C / H / L / M / N /
DRILLING DETAILS			
404.600	823	Pole Drilling Details	B / C / H / L / M / N /
404.601	824	Island Signal Pole Details for 10' Pole	B / C / H / L / M / N /
ISLAND EQUIPMENT			
404.700	825	Median Island Signal Location	B / C / H / L / M / N /
DETECTORS			
404.810	826	Sawcut Details for Induction Loops	B / C / H / L / M / N /
404.811	827	Details @ Pull Box and Sawcuts	B / C / H / L / M / N /
404.820	828	1 Induction Loop for 1 Travel Lane	B / C / H / L / M / N /
404.821	829	1 Induction Loop for 2 Travel Lanes	B / C / H / L / M / N /
		2 Induction Loops for 2 Travel Lanes	B / C / H / L / M / N /
404.822	830	1 Induction Loop for 3 Travel Lanes	B / C / H / L / M / N /
		3 Induction Loops for 3 Travel Lanes	B / C / H / L / M / N /
404.823	831	1 Induction Loop for 4 Travel Lanes	B / C / H / L / M / N /
		4 Induction Loops for 4 Travel Lanes	B / C / H / L / M / N /
404.825	832	3 Induction Loops for 3 Travel Lanes	B / C / H / L / M / N /
404.826	833	Multiple Loop System for Thru Lane	B / C / H / L / M / N /
404.827	834	Multiple Loop System for Left Turn Pocket	B / C / H / L / M / N /
404.828	835	Type "Quadrupole" Loop Installation	B / C / H / L / M / N /
404.829	836	Wire Diagrams for Multiple Loop Systems for Left Turn Pocket and Thru Lane	B / C / H / L / M / N /

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Drawing Number(s) (PDF)	DESCRIPTION	AGENCY APPROVAL BOX	
404.830	837	Circular Induction Loops for Travel Lanes	B / C / H / L / M / N /
404.851	838	Pedestrian Push Button Detectors	B / C / H / L / M / N /
BACKPLATES			
404.900	840	Louvered Backplate for Mast Arm Mounted Signal	B / C / H / L / M / N /
404.901	841	Louvered Backplate for Pole Mounted Signal	B / C / H / L / M / N /
404.902	842	Louvered Backplate for 5 Section Signal Head	B / C / H / L / M / N /
404.903		Louvered Backplate for 5 Section Signal Head	B / C / H / L / M / N /
SIGNAL UNITS			
404.1005	845	Bill of Materials Signal Assemblies	B / C / H / L / M / N /
SIGNAL ASSEMBLIES			
404.1011	846	Signal Assemblies A-1, A-2T, A-3	B / C / H / L / M / N /
404.1012	847	Signal Assemblies A-4T, A-5T	B / C / H / L / M / N /
404.1013	848	Signal Assemblies A-6T	B / C / H / L / M / N /
404.1015	849	Signal Assemblies A-8T, A-9T	B / C / H / L / M / N /
404.1016	850	Signal Assemblies A-10T, A-11T	B / C / H / L / M / N /
404.1017	851	Signal Assemblies A-12T, A-13T	B / C / H / L / M / N /
404.1018	852	Signal Assemblies A-14T, A-15T	B / C / H / L / M / N /
404.1019	853	Signal Assemblies A-16T	B / C / H / L / M / N /
404.1020	854	Signal Assemblies A-17T	B / C / H / L / M / N /
404.1022	855	Mast Arm Signal Assemblies M-2A, M-3A	B / C / H / L / M / N /
404.1023	856	Mast Arm Signal Assemblies M-3, M-2	B / C / H / L / M / N /
404.1023A1	747	School Flasher Mast Arm Signal Assemblies M-2A School Flasher Mast Arm Signal Assemblies M-2B	B / C / H / L / M / N / B / C / H / L / M / N /
404.1024	858	Signal Assemblies B-1T, B-2T, B-3T	B / C / H / L / M / N /
404.1025	859	Signal Assemblies B-5T, B-6T	B / C / H / L / M / N /
404.1026	860	Signal Assemblies B-7T, B-8T, B-9T	B / C / H / L / M / N /
404.1027	864	Signal Assemblies B-10, B-11T	B / C / H / L / M / N /
404.1028	862	Signal Assemblies B-12T, B-13T	B / C / H / L / M / N /
404.1029	863	Signal Assemblies B-14T	B / C / H / L / M / N /
404.1030		Protective/Permissive M-5 Signal Heads	B / C / H / L / M / N /
404.1031	865	Protective/Permissive M-5 Signal Heads Type: M-5 Assemblies and Parts List Type: M-5 Assemblies and Parts List	B / C / H / L / M / N / B / C / H / L / M / N / B / C / H / L / M / N /
404.1032	866	Pedestrian Signal Assemblies W-0T, W-1, W-2T, W-3T, W-1T	B / C / H / L / M / N /
404.1034	867	Pedestrian Push Button Sign Detail	B / C / H / L / M / N /

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VISORS AND LOUVERS			
404.1100	870	Visors for 8" Signals	B / C / H / L / M / N /
		Louvers and Visors for 12" Signals Geometrically Programmed Louver	B / C / H / L / M / N /
404.1101	871	Backplate and Signal Head Assembly	B / C / H / L / M / N /
SIGNAL HARDWARE			
404.1200	872	Miscellaneous Signal Mounting Hardware	B / C / H / L / M / N /
404.1201	873	Pole Plate Details	B / C / H / L / M / N /
404.1202	872	Miscellaneous Signal Mounting Hardware	B / C / H / L / M / N /
404.1203	875	Elevator Plumbizer	B / C / H / L / M / N /
404.1204	876	Pole Plate With Wire Guide Details	B / C / H / L / M / N /
404.1205	877	4 Way Center Hub	B / C / H / L / M / N /
404.1206	878	Standard Malleable Pipe-Hardware 1-1/2" IPS	B / C / H / L / M / N /
404.1207	879	Post Top Mounted Adapter with Terminal Compartment	B / C / H / L / M / N /
404.1208	880	Side Bracket Mounted Adapter with Wire Guide	B / C / H / L / M / N /
404.1210	881	One Way Mount	B / C / H / L / M / N /
404.1211	882	One Way Mount for 3M Signals	B / C / H / L / M / N /
404.1212	883	One Way Mount Detail	B / C / H / L / M / N /
EQUIPMENT ORIENTATION ON SIGNAL POLES			
404.1300	885	Pole Location & Signal Mounting at Intersection (Two Pole) Curbside Sidewalk	B / C / H / L / M / N /
		Pole Location & Signal Mounting at Intersection (Single Pole) Curbside Sidewalk	B / C / H / L / M / N /
404.1300 ALT	886	Pole Location & Signal Mounting at Intersection (Two Pole) Offset Sidewalk	B / C / H / L / M / N /
		Pole Location & Signal Mounting at Intersection (Single Pole) Offset Sidewalk	B / C / H / L / M / N /
404.1301	887	Pole Location and Signals Mounting on Right Turn Islands	B / C / H / L / M / N /
404.1302	888.S1	Future Pole Location Case I (Except City of Las Vegas)	B / C / H / / M / N /
404.1302	888.1	Future Pole Location Case II	B / C / H / L / M / N /
404.1306	889	Typical Traffic Signal Underground Layout With Interim Street Lighting and Service Pedestal (Center of Curve Radius)	B / C / H / L / M / N /
		Typical Traffic Signal Underground Layout With Interim Street Lighting and Service Pedestal (End of Curve Radius)	B / C / H / L / M / N /
404.1307	765	Typical Intersection ITS Underground Layout	B / C / H / L / M / N /
MISCELLANEOUS			
404.1410	890	12" Arrow Lens	B / C / H / L / M / N /
404.1412	730	Single Meter Service Pedestal	B / C / H / L / M / N /
404.1413	731	120/240 VAC Service on Wood Pole Overhead Service	B / C / H / L / M / N /
404.1414	891	Auxiliary Cabinet Equipment Wiring	B / C / H / L / M / N /
404.1418	732	Installation of Conduit into Pull Box From Lip of Gutter Trench	B / C / H / L / M / N /

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<u>404.1419</u>	<u>733</u>	Installation of Conduit	B / C / H / L / M / N /
<u>404.1500</u>	<u>766</u>	Closed Circuit Television Camera	B / C / H / L / M / N /
		Closed Circuit Television Camera Control Unit and Cable Wiring Diagram	B / C / H / L / M / N /
		Camera Adaptor Stand	B / C / H / L / M / N /
		Closed Circuit Television Camera Extension Pole	
<u>404.1501</u>	<u>767</u>	Communication Distribution Cable Assembly (CDCA) in Cabinet	B / C / H / L / M / N /